SBRNO-129/15-16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209610

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Name of work :- Improvements to roads at prakruthi layout and Shimadri layout Main Road and Cross Roads in Ward No 11 | | | | | | |
| | Work Code No :- 011-15-000024 Estimated cost :- Rs. 25 Lakhs | | | | | | |
| | Work order No :- EE/BCP/BBMP/E-Proc/384/14-15 Date:- 24/3/15 | | | | | | |
| | Name of Agency :- Sri N. Thirunagendra #184, Bestara beedi Yelahanka. | | | | | | |

Reference to last Measurement
8

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Recorded on 24.3.2015 | | | | | | |
| | 1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift upto 0.15m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking & clods etc. Complete as per Specifications. | | | | | | |
| | Describing Road Side drains | | | | | | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B
209611

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Prakruthi layout Main Road | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.40 | = 10.80 | |
| | | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |

Total Measurement is average horizontal average length upto both side should be levelled etc. Complete

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 2 | 30.00 | 0.45 | 0.40 | = 10.80 | |
| | | 2 | 37.90 | 0.45 | 0.40 | = 13.64 | |
| | I st cross | 2 | 30.00 | 0.45 | 0.40 | = 10.80 | |
| | | 2 | 18.50 | 0.45 | 0.45 | = 6.03 | |
| | 2nd cross | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 12.80 | 0.45 | 0.42 | = 4.84 | |
| | 3rd cross | 2 | 30.00 | 0.45 | 0.40 | = 10.80 | |
| | | 2 | 32.80 | 0.45 | 0.35 | = 10.33 | |
| | | 2 | 7.80 | 0.45 | 0.45 | = 3.16 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209612

Serial No. .....

Name of Work ..... From..... To.....

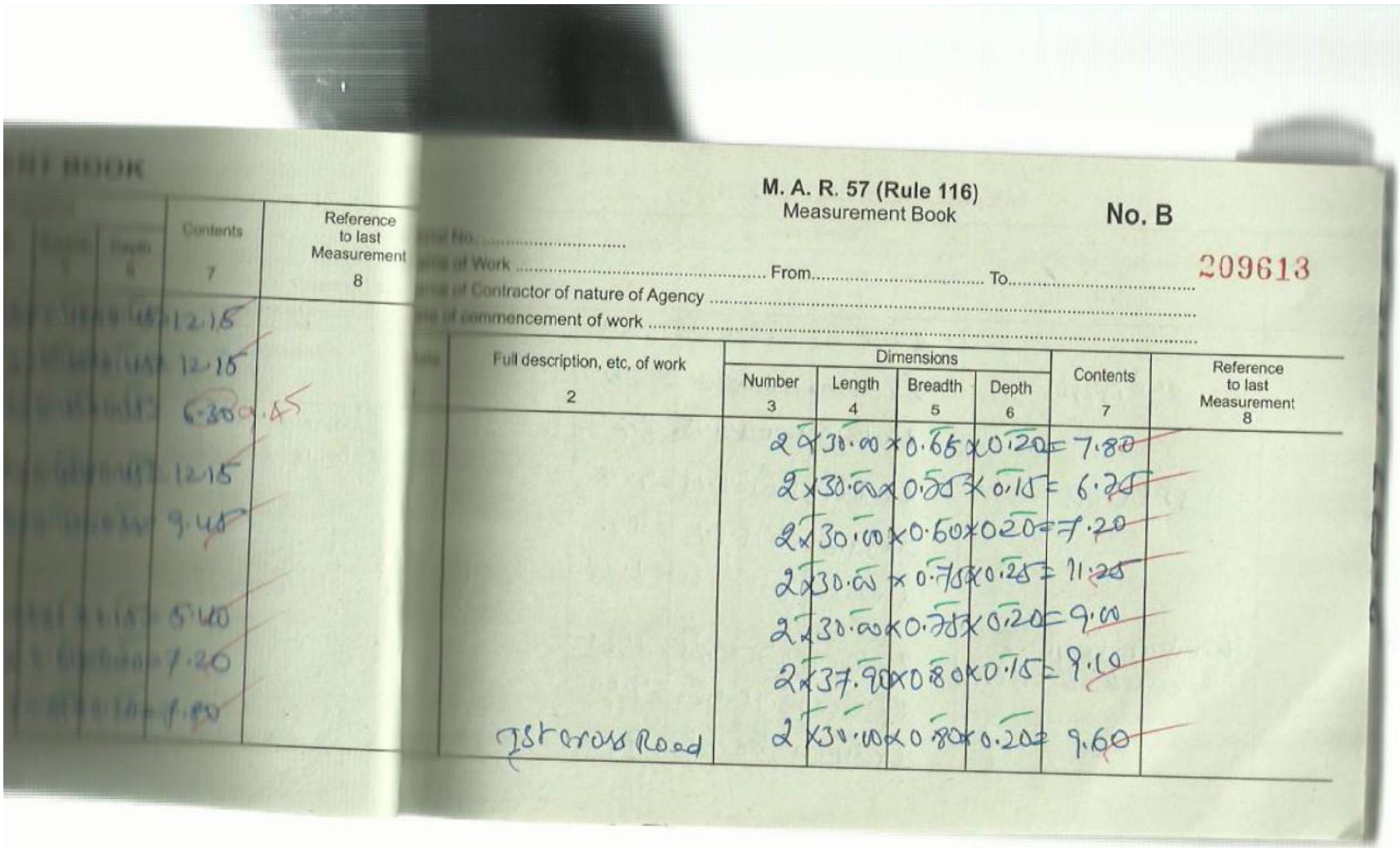
Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Shivadri layout<br>Balance 1st cross Road | 2 | 30.00 | 0.45 | 0.35 | 9.45 | |
| | | 2 | 30.00 | 0.45 | 0.40 | 10.80 | |
| | | 2 | 24.00 | 0.45 | 0.35 | 7.56 | |
| | cross Road | 2 | 30.00 | 0.45 | 0.40 | 10.80 | |
| | | 2 | 30.00 | 0.45 | 0.45 | 12.15 | |
| | | 2 | 20.00 | 0.45 | 0.45 | 8.10 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Cross Road | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.45 | 12.15 | |
| | | 2 | 30.00 | 0.45 | 0.35 | = 6.30 | 9.45 |
| | Cross Road | 2 | 30.00 | 0.45 | 0.45 | = 12.15 | |
| | | 2 | 35.00 | 0.45 | 0.30 | = 9.45 | |
| | Berm Cutting | | | | | | |
| | prabuthi layout Main Road | 2 | 30.00 | 2.00 | 0.15 | = 5.40 | |
| | | 2 | 30.00 | 0.60 | 0.20 | = 7.20 | |
| | | 2 | 30.00 | 0.65 | 0.20 | = 7.80 | |



M. A. R. 57 (Rule 116)
Measurement Book

No. B

209613

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| | 2 | 30.00 | 0.65 | 0.20 | 7.80 | |
| | 2 | 30.00 | 0.50 | 0.15 | 6.25 | |
| | 2 | 30.00 | 0.60 | 0.20 | 7.20 | |
| | 2 | 30.00 | 0.75 | 0.25 | 11.25 | |
| | 2 | 30.00 | 0.75 | 0.20 | 9.00 | |
| | 2 | 37.90 | 0.80 | 0.15 | 9.10 | |
| Istaras Road | 2 | 30.00 | 0.80 | 0.20 | 9.60 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | 2 x 18.00 | x 0.60 | x 0.15 | = 3.51 | |
| | 2nd cross | | 2 x 30.00 | x 0.60 | x 0.20 | = 7.20 | |
| | | | 2 x 12.80 | x 0.60 | x 0.15 | = 2.30 | |
| | 3rd cross | | 2 x 30.00 | x 0.65 | x 0.25 | = 9.75 | |
| | | | 2 x 39.80 | x 0.70 | x 0.10 | = 4.92 | |
| | | | 2 x 7.80 | x 0.60 | x 0.20 | = 1.87 | |
| | Shimtadri layout Balance Road 1st cross | | 2 x 30.00 | x 0.75 | x 0.25 | = 11.25 | |
| | | | 2 x 30.00 | x 0.75 | x 0.20 | = 9.00 | |
| | | | 2 x 24.00 | x 0.80 | x 0.25 | = 9.60 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209614

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Cross Road | 2 | 30.00 | 0.80 | 0.15 | = 7.20 | |
| | 2 | 30.00 | 0.80 | 0.20 | = 9.60 | |
| | 2 | 20.00 | 0.60 | 0.20 | = 4.80 | |
| Cross Road | 2 | 30.00 | 0.75 | 0.15 | = 6.75 | |
| | 2 | 30.00 | 0.65 | 0.15 | = 5.85 | |
| | 2 | 20.00 | 0.75 | 0.25 | = 7.50 | |
| Cross Road | 2 | 30.00 | 0.40 | 0.10 | = 2.40 | |

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 2 | 35.00 | 0.35 | 0.25 | 6.13 | |
| | | | Total Qty | | | 463.03 cu.m | |
| | | | limited to | | | 461.78 cu.m | |
| | | | Qty 79.00 | | | Qty. 3647 | |
| | | | | | | Qty 26/3 | |

2) Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 metre and an average lift up to 0.5 m

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209615

Trial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Surface leveled and sides neatly dressed, the dug up road earth to be leveled neatly after breaking clods etc. complete as per Specifications | | | | | | |
| proximate layer | 1 | 30.00 | $\frac{5.70+5.20}{2}$ | 0.15 | 24.53 | |
| road | 1 | 24.00 | $\frac{5.20+5.20}{2}$ | 0.15 | 18.72 | |
| | 1 | 30.00 | $\frac{5.20+5.70}{2}$ | 0.15 | 24.53 | |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| 6.13 | 425.69 |
| 468.03 cu.m | |
| 461.75 cu.m | |
| 14.36478=00 | |
| Means & Hard throw up to ... m excavated | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{5.70+5.10}{2}$ | 0.15 | 24.30 | |
| | | 1 | 30.00 | $\frac{5.10+5.40}{2}$ | 0.15 | 23.63 | |
| | | 1 | 30.00 | $\frac{5.40+5.00}{2}$ | 0.15 | 23.40 | |
| | | 1 | 30.00 | $\frac{5.00+17.45+5.00}{3}$ | 0.15 | 25.73 | |
| | | 1 | 30.00 | $\frac{5.00+4.10}{2}$ | 0.15 | 20.48 | |
| | | 1 | 30.00 | $\frac{4.10+4.10}{2}$ | 0.15 | 18.45 | |
| | | 1 | 14.90 | $\frac{4.10+4.80}{2}$ | 0.15 | 12.74 | |
| | | | | | | 9.99 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209616

Serial No. .....

Name of Work ..... From..... To.....

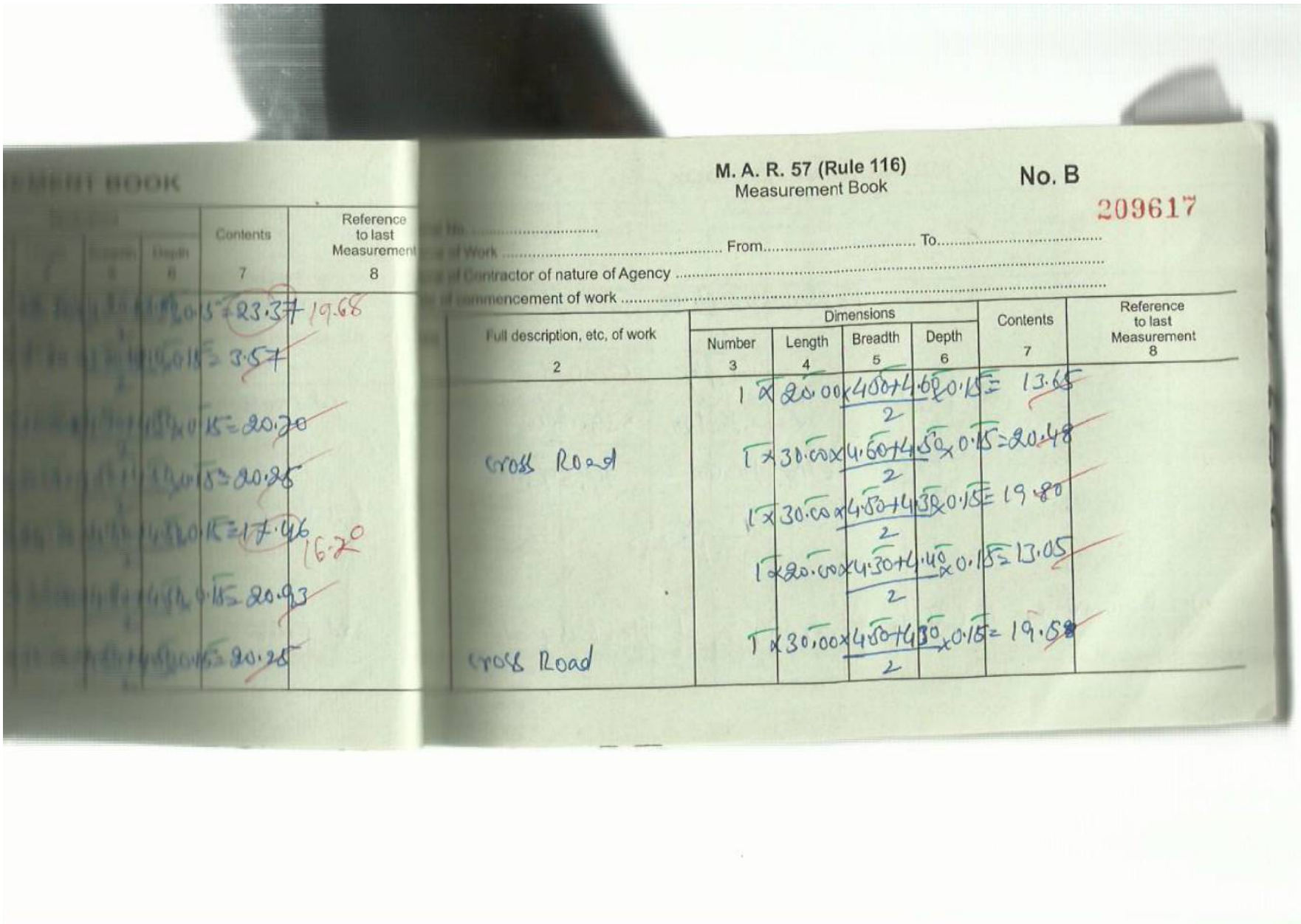
Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1st Cross | 1 | 30.00 | $\frac{5.30+4.30}{2}$ | 0.15 | = 21.60 | |
| | 1 | 18.00 | $\frac{4.30+4.30}{2}$ | 0.15 | = 11.61 | 11-6 |
| 2nd Cross | 1 | 30.00 | $\frac{5.20+4.30}{2}$ | 0.15 | = 21.38 | |
| | 1 | 12.80 | $\frac{4.30+4.00}{2}$ | 0.15 | = 8.45 | 96 |
| 3rd Cross | 1 | 30.00 | $\frac{5.40+4.20}{2}$ | 0.15 | 21.60 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 32.80 | $\frac{4.20+3.80}{2}$ | 0.15 | = 23.37 | 19.68 |
| | | 1 | 7.80 | $\frac{3.00+3.10}{2}$ | 0.15 | = 3.57 | |
| | Shivadri Layout balance Road 1st Cross | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.15 | = 20.20 | |
| | | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.15 | = 20.25 | |
| | | 1 | 24.00 | $\frac{4.50+4.50}{2}$ | 0.15 | = 17.46 | 16.20 |
| | Cross Road | 1 | 30.00 | $\frac{4.80+4.80}{2}$ | 0.15 | = 20.93 | |
| | | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.15 | = 20.25 | |



EMENT BOOK

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| 0.15 = 23.37 | 19.68 |
| 0.15 = 3.57 | |
| 0.15 = 20.70 | |
| 0.15 = 20.25 | |
| 0.15 = 17.46 | 16.20 |
| 0.15 = 20.93 | |
| 0.15 = 20.25 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209617

... From ... To ...

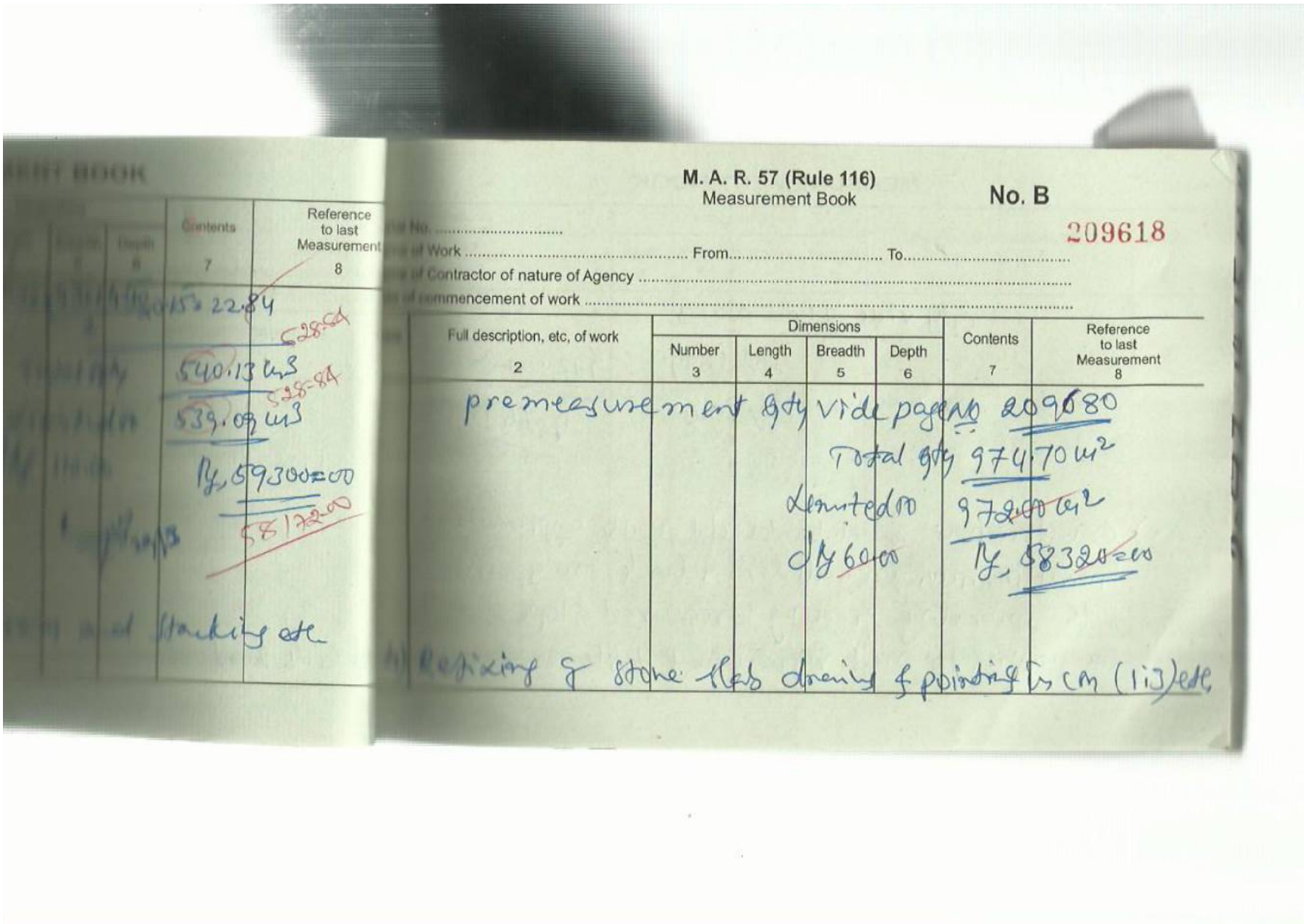
... of Contractor of nature of Agency ...

... of commencement of work ...

| Full description, etc, of work | Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 1 | 20.00 | $\frac{4.80+4.60}{2}$ | 0.15 | = 13.65 | |
| Cross Road | 1 | 30.00 | $\frac{4.60+4.50}{2}$ | 0.15 | = 20.48 | |
| | 1 | 30.00 | $\frac{4.50+4.30}{2}$ | 0.15 | = 19.80 | |
| | 1 | 20.00 | $\frac{4.30+4.40}{2}$ | 0.15 | = 13.05 | |
| Cross Road | 1 | 30.00 | $\frac{4.50+4.30}{2}$ | 0.15 | = 19.58 | |

# MEASUREMENT BOOK

| Date | Full description, etc. of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 35.00 | 4.30+4.40/2 | x0.15 | 22.84 | 528.84 |
| | | | | Total Qty | | 540.13 cu.m | 528.84 |
| | | | | Less 1% | | 539.08 cu.m | |
| | | | | Rate | | Rs. 59300=00 | |
| | | | | Amount | | 58172.00 | |
| | 3) Removing B.S Slab & drain and stacking etc | | | | | | |



M. A. R. 57 (Rule 116)
Measurement Book

No. B

209618

No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| premeasurement qty vide page No 209680 | | | | | | |
| Total qty 974.70 m² | | | | | | |
| Limited to | | | | | 9720.00 m² | |
| @ Rs 60.00 | | | | | Rs. 58320=00 | |
| Replacing of stone flags drawing & pointing in cm (1:3) etc | | | | | | |

Contents 7 | Reference to last Measurement 8

15 22.84 — 528.84

540.13 m³ — 528.84

539.04 m³

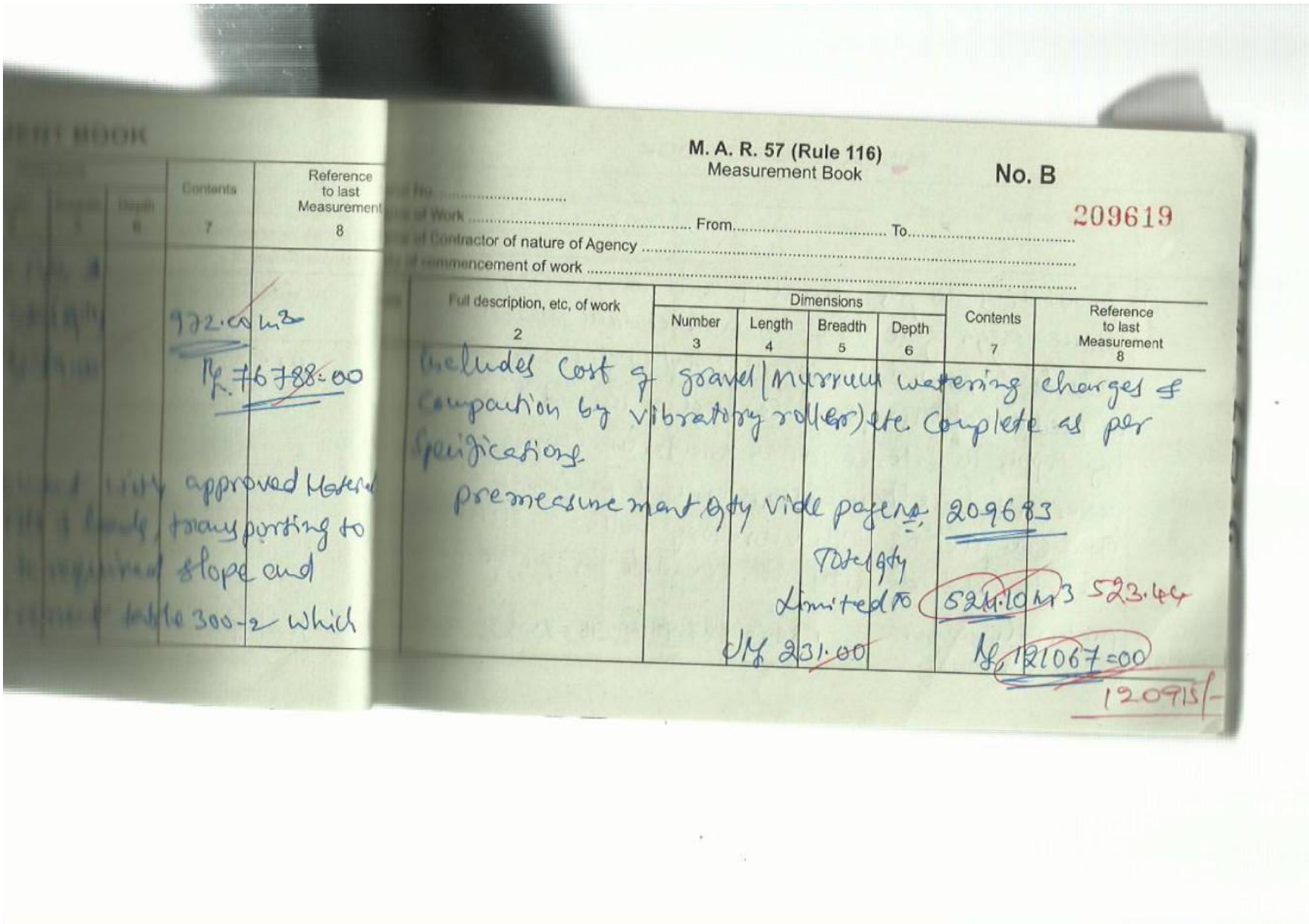
Rs. 59300=00

58172.00

Hacking etc

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty vide Item no 3 | | | | | | |
| | | | Total Qty | | | 972.00 m3 | |
| | | | Qty 79.00 | | | Rs. 76788.00 | |
| 5) | Construction of embankment with approved Gravel/murrum with all lifts & leads, transporting to site Spreading grading to required slope and Compacting to Meet requirement table 300-2 wh | | | | | | |



M. A. R. 57 (Rule 116)
Measurement Book

No. B

209619

From ..... To .....

of Contractor of nature of Agency .....

of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| Includes cost of gravel/Murrum watering charges & Compaction by vibratory roller) etc. Complete as per Specifications. | | | | | | |
| premeasurement Qty vide page no. | | | | | 209683 | |
| Total Qty | | | | | | |
| Limited to | | | | | 524.10 M3 | 523.44 |
| @ Rs 231.00 | | | | | Rs 121067=00 | |
| | | | | | 120915/- | |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| 922.00 M3 | |
| Rs. 76788=00 | |
| approved Material | |
| transporting to | |
| slope and | |
| table 300-2 which | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 6) | providing laying Spreading and Compacting graded stone aggregate to wet mix macadam Specification including premixing the Material with water at one in Mechanical mix plant Carriage of Mixed material by tipper to site, laying in uniform layers with paver Sub-base / base course on well prepared Surface and Compacting with vibratory roller to achive the desired density etc. Complete as per Specification | | | | | | |
| | prakruthi layout Main Road. | 1 | 30.00 | $\frac{5.70+5.20}{2}$ | 0.15 | = 24.53 | |

M. A. R. 57 (Rule 116)
Measurement Book

**No. B**

209620

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| | 1 | 24.00 | $\frac{5.20+5.20}{2}$ | 0.15 | = 18.72 | |
| | 1 | 30.00 | $\frac{5.20+5.70}{2}$ | 0.15 | = 24.53 | |
| | 1 | 30.00 | $\frac{5.70+5.10}{2}$ | 0.15 | = 24.30 | |
| | 1 | 30.00 | $\frac{5.10+5.40}{2}$ | 0.15 | = 23.63 | |
| | 1 | 30.00 | $\frac{5.40+5.00}{2}$ | 0.15 | = 23.40 | |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| Compacting graded Specification casting with water at OMC in mixed material in layers with prepared Sub grade roller to achieve density as per Specifications | |
| 0.15 = 24.53 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{5.00+7.15+5.00}{3}$ | 0.15 | 25.73 | |
| | | 1 | 30.00 | $\frac{5.00+4.10}{2}$ | 0.15 | 20.48 | |
| | | 1 | 30.00 | $\frac{4.10+4.10}{2}$ | 0.15 | 18.45 | |
| | | 1 | 14.90 | $\frac{4.10+4.30}{2}$ | 0.15 | 12.74 | 9.94 |
| | 1st cross | 1 | 30.00 | $\frac{5.30+4.30}{2}$ | 0.15 | 21.60 | |
| | | 1 | 18.00 | $\frac{4.30+4.30}{2}$ | 0.15 | 14.72 | 11.61 |
| | 2nd cross | 1 | 30.00 | $\frac{5.20+4.30}{2}$ | 0.15 | 21.38 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209621

Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 1 | 12.80 | $\frac{4.30+4.09}{2}$ | 0.15 | 8.45 | 9.96 |
| 3rd cross | 1 | 30.00 | $\frac{5.40+4.20}{2}$ | 0.15 | 21.60 | |
| | 1 | 32.80 | $\frac{4.20+3.80}{2}$ | 0.15 | 23.37 | 9.68 |
| | 1 | 7.80 | $\frac{3.00+3.10}{2}$ | 0.15 | 3.57 | |
| Shivadri Layout Balance Road 1st cross | 1 | 30.00 | $\frac{4.70+4.85}{2}$ | 0.15 | 20.30 | |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| 25.73 | |
| 20.48 | |
| 18.45 | |
| 12.74 | 9.94 |
| 21.60 | |
| 14.72 | 11.61 |
| 21.38 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.15 | 20.25 | |
| | | 1 | 24.00 | $\frac{4.50+4.50}{2}$ | 0.15 | 17.65 | 12-06 |
| | Works Road | 1 | 30.00 | $\frac{4.80+4.50}{2}$ | 0.15 | 20.93 | |
| | | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.15 | 20.25 | |
| | | 1 | 20.00 | $\frac{4.50+4.60}{2}$ | 0.15 | 13.65 | |
| | Works Road | 1 | 30.00 | $\frac{4.60+4.50}{2}$ | 0.15 | 20.48 | |
| | | 1 | 30.00 | $\frac{4.50+4.30}{2}$ | 0.15 | 19.80 | |

| Contents 7 | Reference to last Measurement 8 |
|---|---|
| = 20.25 | |
| = 17.65 | D-46 |
| = 20.93 | |
| = 20.25 | |
| = 13.65 | |
| = 20.48 | |
| = 19.80 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209622

From ..... To .....

of Work .....

of Contractor of nature of Agency .....

of commencement of work .....

| Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|
| | 1 | 20.00 | (4.30+4.40)/2 | 0.15 | = 13.05 | |
| Cross Road | | 30.00 | (4.50+4.80)/2 | 0.15 | = 19.88 | 19.80 |
| | 1 | 35.00 | (4.30+4.40)/2 | 0.15 | = 22.84 | |
| | | | Total Qty | | 540.13 m3 | 505.29 |
| Cross Bund | | | Limited to | | 539.09 m3 | |
| | | | @ Rs. 1500.00 | | Rs. 808635=00 | 758655=00 |

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 7) cleaning the existing WBM road surface including removing of binding material & other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes & finally dusting with old gunny bags and/or compressed air preceding bituminous treatment including cost of all Materials labour, tools & Machineries, Curing etc Complete as per Specifications. | | | | | | |
| | Prakruthi layout Main Road | 1 | 30.00 | 5.70/2 | 5.20 | = 163.80 | |

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| | surface including | |
| | after foreign | |
| | with picks, sweeping | |
| | finally dusting | |
| | compressed air & receive | |
| | Cost of all Materials | |
| | etc complete | |
| | = 163.60 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

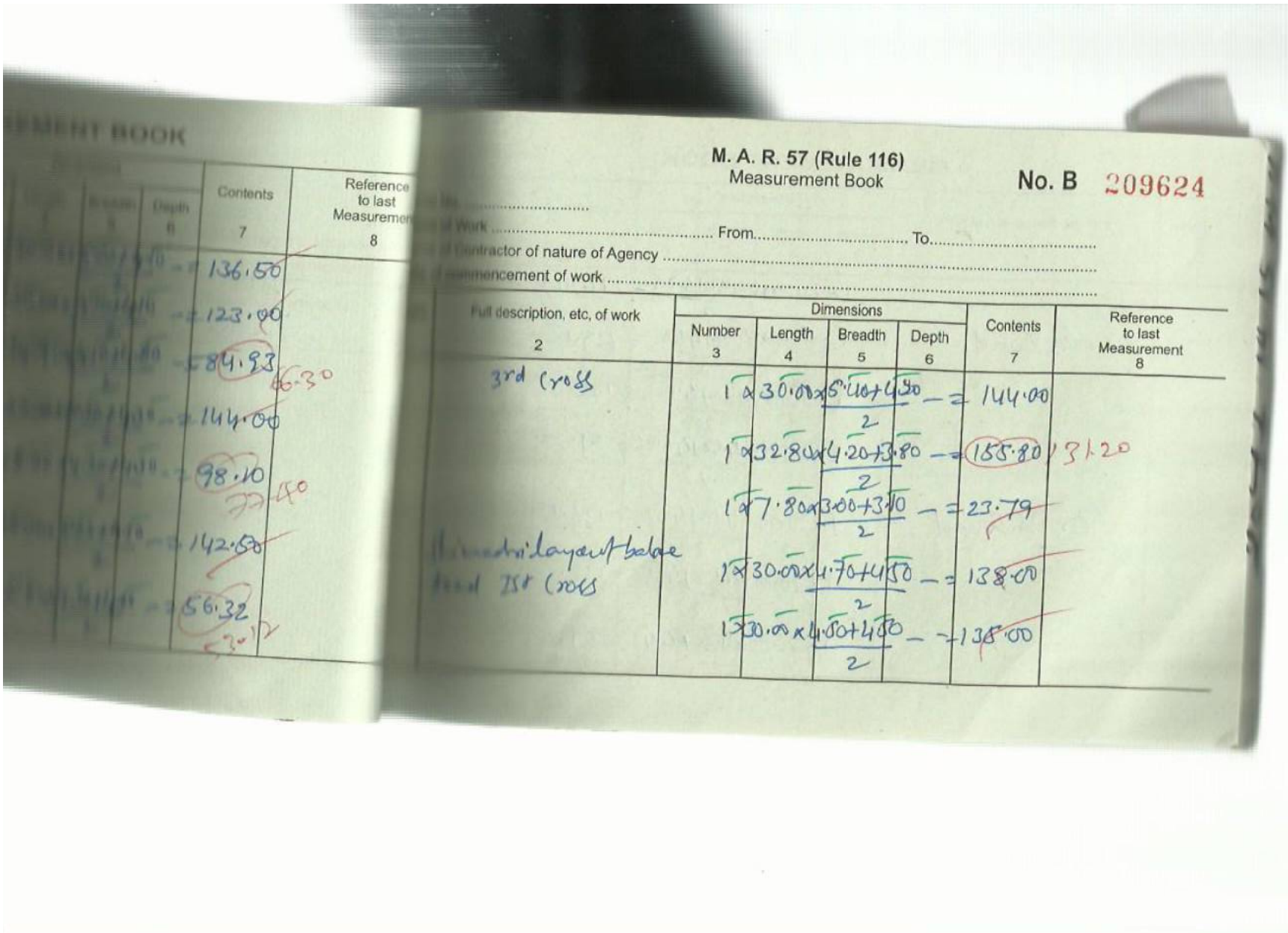
209623

Name .....
Nature of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|
| | 1 | 24.00 | 5.20+5.20 / 2 | | = 124.80 | |
| | 1 | 30.00 | 5.20+5.70 / 2 | | = 163.50 | |
| | 1 | 30.00 | 5.70+5.10 / 2 | | = 162.00 | |
| | 1 | 30.00 | 5.10+5.10 / 2 | | = 157.50 | |
| | 1 | 30.00 | 5.40+5.00 / 2 | | = 156.00 | |
| | 1 | 30.00 | 5.00+7.10+5.00 / 3 | | = 171.00 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{5.00+4.60}{2}$ | | = 136.50 | |
| | | 1 | 30.00 | $\frac{4.10+4.10}{2}$ | | = 123.00 | |
| | | 1 | 14.90 | $\frac{4.10+4.80}{2}$ | | = 84.93 | 86.30 |
| | 1st Cross | 1 | 30.00 | $\frac{5.30+4.30}{2}$ | | = 144.00 | |
| | | 1 | 18.00 | $\frac{4.30+4.30}{2}$ | | = 98.10 | 77.40 |
| | 2nd Cross | 1 | 30.00 | $\frac{5.20+4.30}{2}$ | | = 142.50 | |
| | | 1 | 12.80 | $\frac{4.30+4.00}{2}$ | | = 56.32 | 53.12 |



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| Depth 6 | Contents 7 | Reference to last Measuremen 8 |
|---|---|---|
| | 136.50 | |
| | 123.00 | |
| | 84.83 | 46.30 |
| | 144.00 | |
| | 98.10 | 39.40 |
| | 142.50 | |
| | 56.32 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209624

... From ... To ...

... Contractor of nature of Agency ...

... commencement of work ...

| Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|
| 3rd Cross | 1 | 30.00 | $\frac{5.40+4.20}{2}$ | | 144.00 | |
| | 1 | 32.80 | $\frac{4.20+3.80}{2}$ | | 155.80 | 31.20 |
| | 1 | 7.80 | $\frac{3.00+3.10}{2}$ | | 23.79 | |
| Residential layout below Road 1st Cross | 1 | 30.00 | $\frac{4.70+4.50}{2}$ | | 138.00 | |
| | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | | 135.00 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurem |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 8) providing and applying primer coat for surface g with bitumen emulsion on prepared surface g granular base including cleaning of road surface and spraying primer at the rate g 0.60 kg/sq m using Mechanical means etc complete as per Specifications. | | | | | | |
| | Qty vide Item No. 07 | | | | | 2555.20 | |
| | | | Total Qty | | | 3593.90 sq m | |
| | | | Jg 78.00 | | | Rs. 280324 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209626

From ..... To .....

Contractor of nature of Agency .....

Commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| providing & laying Semi dense bituminous Concrete 25mm thick with 100-120 TPH batch type DMP producing an average out put of 75 tonnes per hour using Crushed aggregates & Specified grading, premixed with bitumi nous binder at 4.5 to 5% of mix & Filler, transporting the hot mix to work site, laying with a hydrostatic paver Finisher with Sensor Control to the required grade, level and Alignment rolling with Smooth | | | | | | |

Cont for Surface
prepared surface of
leveling of road Surface
@ 0.60 kg/Sq m
as per

2535.26

3693.90 m2

Rs. 2803240-00

2754.00

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH Specification clause NO 500.8 with 80/100 grade bitumen etc complete as per Specifications. | | | | | | |
| | prakruthi layout Main Road | 1 | 30.00 | 5.70+5.20 / 2 | 0.025 | = 4.09 | |
| | | 1 | 24.00 | 5.20+5.20 / 2 | 0.025 | = 3.12 | |
| | | 1 | 30.00 | 5.20+5.70 / 2 | 0.025 | = 4.09 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209627

..... From..... To.....

Contractor of nature of Agency .....

Commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 1 | 30.00 | $\frac{5.70+5.10}{2}$ | 0.025 | 4.05 | |
| | 1 | 30.00 | $\frac{5.10+5.40}{2}$ | 0.025 | 3.94 | C&FC |
| | 1 | 30.00 | $\frac{5.40+5.00}{2}$ | 0.025 | 3.90 | ರಾಮು 30/7 |
| | 1 | 30.00 | $\frac{5.00+7.45+5.00}{3}$ | 0.025 | 4.29 | ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು |
| | 1 | 30.00 | $\frac{5.00+4.65}{2}$ | 0.025 | 3.41 | 30/7 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measure |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{4.10+4.10}{2}$ | 0.025 | 3.08 | |
| | | 1 | 14.90 | $\frac{4.10+4.80}{2}$ | 0.025 | 2.12 | |
| | 1st cross | 1 | 30.00 | $\frac{5.30+4.30}{2}$ | 0.025 | 3.69 | |
| | | 1 | 18.00 | $\frac{4.30+4.30}{2}$ | 0.025 | 2.45 | |
| | 2nd cross | 1 | 30.00 | $\frac{5.20+4.30}{2}$ | 0.025 | 3.56 | |
| | | 1 | 12.80 | $\frac{4.30+4.00}{2}$ | 0.025 | 1.41 | |
| | 3rd cross | 1 | 30.00 | $\frac{5.40+4.20}{2}$ | 0.025 | 3.60 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209628

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| | 1 | 32.80 | $\frac{4.20+3.80}{2}$ | 0.025 | = 3.90 | 3.28 |
| | 1 | 7.80 | $\frac{3.00+3.10}{2}$ | 0.025 | = 0.59 | C & CC |
| Line drilling at belaw Road 1st Cross | 1 | 30.00 | $\frac{4.70+4.50}{2}$ | 0.025 | = 3.45 | 3.73 |
| | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.025 | = 3.38 | 3.25 |
| | 1 | 24.00 | $\frac{4.50+5.25}{2}$ | 0.025 | = 2.91 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Gross Road | 1 | 30.00 | $\frac{4.80+4.50}{2}$ | 0.025 | 3.49 | |
| | | 1 | 30.00 | $\frac{4.50+4.50}{2}$ | 0.025 | 3.38 | |
| | | 1 | 20.00 | $\frac{4.50+4.60}{2}$ | 0.025 | 2.28 | C & FC |
| | Gross Road | 1 | 30.00 | $\frac{4.60+4.50}{2}$ | 0.025 | 3.41 | |
| | | 1 | 30.00 | $\frac{4.50+4.30}{2}$ | 0.025 | 3.30 | |
| | | 1 | 20.00 | $\frac{4.30+4.40}{2}$ | 0.025 | 2.18 | |
| | Gross Road | 1 | 30.00 | $\frac{4.50+4.30}{2}$ | 0.025 | 3.26 | |
| | | | | | | 3.10 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209629

Name .....
Work ..... From..... To.....
Contractor of nature of Agency .....
Commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 1 | 35.00 | 4.30+4.40/2 | 0.025 | = 3.81 | C&FC |
| | | | | 89.10 | 90.02 m³ | |
| Crude | Total Qty | | | | 89.85 m³ | |
| Plan | Limited To | | | | | |
| | Rs 11600.00 | | | | Rs 10,42260.00 | |
| | | | | | | 1033560-W |
| | 1 | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 10) | Lead For Disposal of debris shall be payble at carriage rates by Mechanical Means including loading and Unloading From OGWT 2.0 kms etc Qty vide Item No. 1+2 | | | | | | |
| | | | Total Qty | | | 750.62 M3 | |
| | | | 750.62 | | | Rs, 57047=60 | |
| | | | Total | | | Rs 258940=00 | |

30/8/15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209630

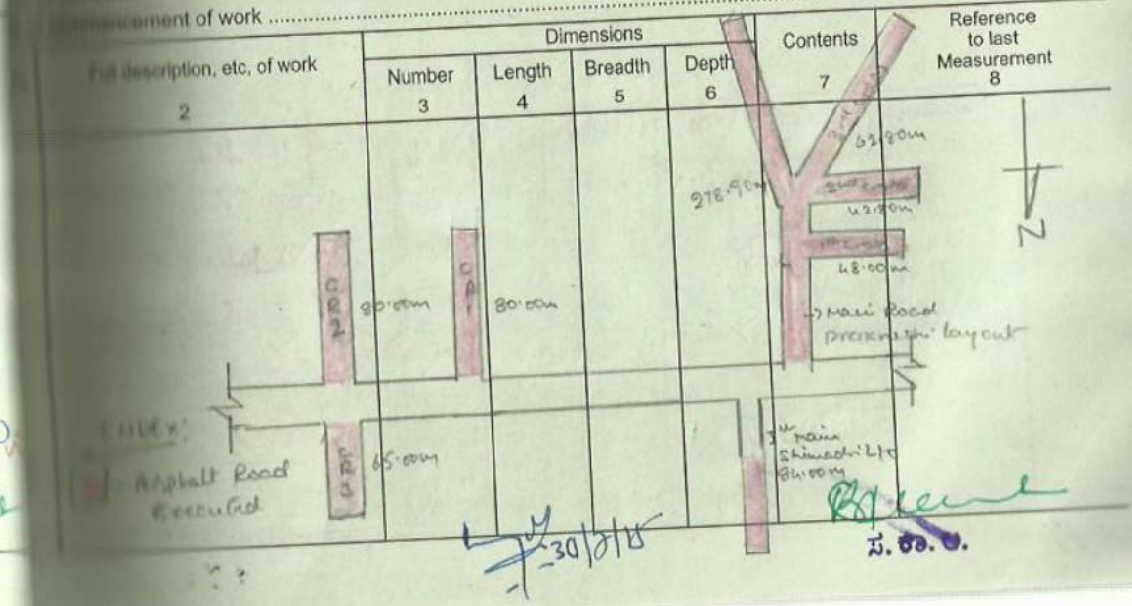
From ..... To .....

Name of work .....

Designation of nature of Agency .....

Commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | |



BP-133
30/3/15

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Audited & Admitted to Rs 2521673-<br>22,01,941-<br>and Rs 319732- By cheque<br>Accts. Suodi.<br>Byatarayanapura Dn<br>BBMP | | | | | IT - 25217<br>VAT - 100867-<br>LDF - 25217-<br>CBF - 2522-<br>FSD - 126084-<br>LP - 37825-<br>FDR - 2000-<br>Total 319732- | |